



## RECOMMENDED SEQUENCE LISTING

### SEQUENCE LISTING

<110> Syngenta Limited

<120> A method of selectively producing male or female sterile plants

<130> PPD70629

<160> 7

<170> PatentIn version 3.1

<210> 1

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 1

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<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

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<212> DNA

<213> *Rhodotorula gracilis*

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gttagctcac agaccttcgc gtcccttggt gctggagcca actggacccc ttttatgacc 180

ctcactgacg gcccaggcca ggcaaagtgg gaggagtcta cattcaagaa gtgggtggaa 240

cttgtgcaa cggggcatgc catgtggttg aagggaacca ggcgtttcgc ccaaaatgag 300

gacggactgc tcggctactg gtacaaagat atcaccacca attatagacc cttgccctct 360

tccgaatgct caccaggcgc tattggcgtg acttatgaca cattgtcagt gcacgtcca 420

aagtactgcc aatacctcgc aaggagctc cagaagctgg gggcgacatt cgagcgccgc 480

accgttactt ccctcgagca agcttttgat ggggctgacc tcgtcgtaa cgcgacgggg 540

ctgggtgcca agtccatcgc tggcatcgat gaccaggcgg ccgagcctat tcgcggtcaa 600

acgggtgctg tcaagtcgcc ctgcaaaagg tgtactatgg acagctcgga cccggcatca 660

ccggcggtaca tcattcccgcg gccaggagggc gaagtgattt gcggcggtac gtacgggggc	720
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cgcttgatc cgactatttc ttccggacggc acaatcgaag gcattcgaggt gctgcggcat	840
aacgtcggac tcagaccggc gaggagggga ggccctcgcg ttgaagccga gaggattggt	900
cttcacttg acagaacgaa gagccccctc tactggggcc gtgggagcgc tcgtgcggcc	960
aaggagaagg aggtgacttt ggtgcatgcc tacggtttct ccagcgttg ctatcaacag	1020
tcttggggcg cagccgaaga cgtcgacaaa ttggtcgatg aggcgtttca gaggtatcat	1080
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 <213> Artificial Sequence

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 <222> (22)..(22)  
 <223> Where n=a,t, c or g.

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<211> 7  
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<220>  
<223> Motif of R.gracilis D-amino acid oxidases.

<400> 6

Arg Cys Thr Met Asp Ser Ser  
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<210> 7  
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<212> PRT

<213> Artificial Sequence

<220>

<223> Motif of R.gracilis D-amino acid oxidases.

<400> 7

Gly Gly Thr Tyr Gly Val Gly  
1 5



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<213> *Rhodotorula gracilis*

<400> 3

atgggatccc aaaagagggg tgtggtgctg gggtccggcg tgataggact cagctccgcg 60

cttatacttg cccggaagggt gtactccgtc cacatcctgg cccgggacct cccagaggat 120

gttagctcac agaccttcgc gtcccttggt gctggagcca actggacccc ttttatgacc 180

ctcactgacg gcccgaggca ggcaaagtgg gaggagtcta cattcaagaa gtgggtggaa 240

cttgtgccaa cggggcatgc catgtggttg aagggaacca ggcgtttcgc ccaaaatgag 300

gacggactgc tcgggtactg gtacaaagat atcaccccca attatagacc cttgccctct 360

tccgaatgtc caccaggcgc tattggcgtg acttatgaca cattgtcagt gcacgctcca 420

aagtactgcc aatacctcgc aaggagctc cagaagctgg gggcgacatt cgagcgccgc 480

accgttactt ccctcgagca agcttttgat ggggctgacc tcgtcgtaa cgcgacgggg 540

ctgggtgcca agtccatcgc tggcatcgat gaccaggcgg ccgagcctat tcgcggtcaa 600

Sequence Listing disk 70269.txt

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ccggcggtaca tcatccccgcg gccaggaggc gaagtgattt gcggcggtac gtacgggggtc	720
ggagactggg atctctcggg caacccagag accgtccagc gcatcctcaa aactgcctg	780
cgcctggatc cgactatttc ttcggacggc acaatcgaag gcatcgaggt gctgcggcat	840
aacgtcggac tcagaccggc gaggagggga ggccctcgcg ttgaagccga gaggattgtt	900
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aaggagaagg aggtgacttt ggtgcatgcc tacggtttct ccagcgctgg ctatcaacag	1020
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<400> 4  
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 ccccgaccag gtggcgaagt catctgcggc gggacgnnng gcgtgggaga ctgggacttg 120

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 caagtcccag tctcccacgc cnnncgtccc gccgcagatg acttcgccac ctggtcgggg 60  
 aatgatgtag gcgggagaag cggggtcgga cgagtcnnnc gtgcatcgct tgcattgggga 120

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